## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t: en Flo	w			(	See Instruc	tions on Rev	verse Side	<del>;</del> )			
✓ Deliverabilty				Test Date: January 21, 2014				API No. 15 15033201350000				
Company Castelli		lora	tion, Inc.				Lease CA Dav	 vis			_	Well Number
County Comanche			Location C NW NW		Section 4		TWP 33S		RNG (E/W) 16W		Acres Attributed	
Field Shimer				Reservoir Mississippi				Gas Gathering Connect Oneok		ection		
Completion Date 11/17/73		8				Plug Back Total Depth N/A Original Records Lost Pe				et at cker set		
Casing Size 4 1/2"			Weight		Internal Diameter		Set at 5025		Perforations 4911-21		То	
Tubing Size 2 3/8"			Weight		Internal Diameter		Set at 4612		Perforations 4911-21		То	
Type Con			escribe) S Perforation	ns	Type Flui Saltwa	d Productio		<u>.</u>	Pump Un	nit or Traveling	Plunger? Yes	/ No
	g Thru		nulus / Tubing			arbon Diox	ide	_	% Nitrog		Gas Gr	avity - G <sub>g</sub>
Vertical D		1)		_		Pres	sure Taps			<u></u>	(Meter F	Run) (Prover) Size
Pressure	 Buildu	D: :	Shut in Jan	uary 21 <sub>2</sub>	0_14_at_8	:00	(AM) (PM)	<sub>Taken</sub> Ja	nuary 2	220	14 <sub>at</sub> 8:00	(AM) (PM)
Well on L	ine:										at	
						OBSERVE	D SURFACE	DATA			Duration of Shut-	
Static / Dynamic Property	Dynamic Size		Circle one: Meter Prover Pressu psig (Pm)		Flowing Well Head Temperature Temperatu		(P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		Duration (Hours)	Liquid Produced (Barrels)
Shut-In			bail (Lill)	Inches H <sub>2</sub> 0			785	799.4	psig	psia		-
Flow												
		_				FLOW ST	REAM ATTR	BUTES				
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Pro	Circle one: Meter or over Pressure psia	Press Extension P <sub>m</sub> xh	Grav Fact F <sub>s</sub>	tor	Townsoroture		lation octor pv	Metered Flow R (Mcfd)	y GOR (Cubic Fe Barrel)	Flowing Fluid Gravity G_m
(P <sub>c</sub> ) <sup>2</sup> =		_;	(P <sub>w</sub> ) <sup>2</sup> =_	:	(OPEN FLO		<b>/ERABILITY)</b> % (P	) CALCUL ' <sub>c</sub> - 14.4) +		:	(P <sub>a</sub> ) (P <sub>d</sub> )	2 = 0.207 2 =
(P <sub>c</sub> ) <sup>2</sup> - (F	P <sub>a</sub> ) <sup>2</sup>	(F	P <sub>a</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	Thoose formula 1 of 2  1. $P_a^2 - P_a^2$ 2. $P_c^2 - P_d^2$ Iivided by: $P_c^2 - P_d^2$	LOG of formula 1, or 2, and divide	P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	Stop	ssure Curve e = "n" or signed ard Slope	n x i	og [	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
				_		_						
Open Flor	<u> </u> w				65 psia		Deliverab	ility			Mcfd @ 14.65 psi	a
		igned	authority, or			states that h		-	o make th	e above repo	ort and that he ha	
				id report is true	and correc	t. Executed	this the 29		day of <u>O</u>			, 20 <u>14</u>
			Witness (il	any)	<del></del>	EC 31	_		nu (	For	Company	
			For Comm	ssion		SERVATION WICHITA,	DIVISION			Che	cked by	

exempt status und and that the foreg correct to the best of equipment insta	er penalty of perjury under the laws of the state of Kansas that I am authorized to request er Rule K.A.R. 82-3-304 on behalf of the operator Castelli Exploration, Inc.  oing pressure information and statements contained on this application form are true and of my knowledge and belief based upon available production summaries and lease records llation and/or upon type of completion or upon use being made of the gas well herein named. est a one-year exemption from open flow testing for the CA Davis #1-4
gas well on the gr	ounds that said well:
(Check	is a coalbed methane producer is cycled on plunger lift due to water is a source of natural gas for injection into an oil reservoir undergoing ER is on vacuum at the present time; KCC approval Docket No is not capable of producing at a daily rate in excess of 250 mcf/D
staff as necessary	to corroborate this claim for exemption from testing.
Date: October 29	2014
Kansas	Received CORPORATION COMMISSION Signature:

## Instructions:

If a gas well meets one of the eligibility criteria set out in KCC regulation K.A.R. 82-3-304, the operator may complete the statement provided above in order to claim exempt status for the gas well.

At some point during the current calendar year, wellhead shut-in pressure shall have been measured after a minimum of 24 hours shut-in/buildup time and shall be reported on the front side of this form under **OBSERVED SURFACE DATA**. Shut-in pressure shall thereafter be reported yearly in the same manner for so long as the gas well continues to meet the eligibility criterion or until the claim of eligibility for exemption **IS** denied.

The G-2 form conveying the newest shut-in pressure reading shall be filed with the Wichita office no later than December 31 of the year for which it's intended to acquire exempt status for the subject well. The form must be signed and dated on the front side as though it was a verified report of annual test results.